Offender Management Network Information (OMNI)   **Report as of Date:**
Department of Corrections   **July 2002**

Project Director: Don Price   **Executive Sponsor:** Joe Lehman
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Description: The Offender Management Network Information (OMNI) project, formerly known as the Offender-Based Tracking System (OBTS) replacement project, will replace and improve the legacy systems and applications that the Department of Corrections (DOC) currently uses to monitor and track convicted offenders for the state of Washington. DOC has contracted with IBM Global Services to design four build-and-implement phases for OMNI. Each phase will provide measurable benefits.

The phases are:

- Phase I - Architecture definition, Offender Accountability Plan (OAP), and data warehouse implementation, training, overall application design, and Records and Chronological Entries (Chronos) software detailed requirements design.

- Phase II – Chronos, Records, Sentence Structure and Time Accounting, and Classification (change).

- Phase III – Release (change), Incident Reporting, Disciplinary, Grievance, Resource and Program Management, CCO Workload Assignments, Case Management, End of Sentence Review, Offender Groups, Presentence Investigation, Legal Financial Obligations, Movement/Capacity Management, Inmate Property, Interstate Compact/Boarder Administration, Offender Schedule, and Detainers and Warrants.

- Phase IV – Sex Offender Treatment, Mental Health Records, Chemical Dependency, Community Service, Indeterminate Sentence Review Board, Case File Audit, Inmate Trust Account/Inmate Store/Inmate Gratuity Calculation, Cost of Supervision Billing, Medical and Dental Records, Public Access, and Victim/Witness Notification.

Technology: The project employs an innovative use of a Virtual Private Network (VPN) to allow Olympia-based DOC staff to view and populate Lotus Notes project databases. These databases are being developed by the IBM Global Services Houston-based development team (the Houston team, using IBM proprietary development methodologies, has achieved the Software Engineering Institute Level 3 certification on the Capability Maturity Model). Using IBM Websphere software, the OMNI application will be delivered to DOC desktop clients via JAVA applets consistent with the ISB principle of deploying server side logic. The system employs the S/390 mainframe platform as an enterprise server and the DB2 database management system for databases and data warehouses. The Brio Intelligence v6.6 Suite of products by Brio Software are also employed for data warehouse development.

Life Cycle Stage: Phase II Design and Build

Budget: The budget is $12.5 million for Phase II. Of this amount, $9.5 million is allocated to the IBM Global Services contract. As of June 30, 2002, the budgeted expenses were $6,524,917. Actual expenses were $2,517,818. This amount does not include invoices received but not yet paid. The variance between the budgeted and actual expenses is due to modifications to delivery schedule after the budget was developed.

Schedule:

Phase II Milestones	Schedule	Status
1. Statement of Work signed	February 2002	Complete
2. Architecture documents approved	March 2002	Complete
3. Records and Risk Management Indicator (RMI) / Level of Severity Indicator Revised (LSI-R) Data models approved	June 2002	Complete
4. Grouped databases converted to work with DL/2	July 2002	Complete
5. DL/2 deployed	August 2002	In Progress
6. RMI application deployed	November 2002	Rescheduled
7. LSI-R application deployed	November 2002	In Progress
8. Final test plan approved	May 2003	
9. Acceptance test conducted	June 2003	
10. System test executed	June 2003	

Status: June and July was a productive period for the OMNI project management team. Per the recommendation in the May OMNI project oversight report, the OMNI project team completed an update all of the major project management processes except change management. The OMNI project management group adopted the Employment Security SKIES Communication Plan as a model to create and baseline an OMNI Communications Plan. They also reviewed and baselined the Risk Management Plan. Plans were also developed for the Project Management/Organization, Project Office Procedures, and Integrated Schedule. An updated process was developed and reviewed for Change Management. However, the project management team directed a review and enhancement of the process to meet management objectives including process simplification. A joint DOC/IBM management subcommittee was formed to complete the review and recommend changes to the process.

The IBM and DOC development teams also made good progress during this period. Key accomplishments included the completion of the conversion of two of the six Offender Based Tracking System (OBTS) IMS databases to the DL/2 mirror database and initiation of the conversion of the remaining four databases. The following application development plans, models and documents were baselined: Software Development Plan, Configuration and Data Management Plan, Records Logical Data Model, Records Physical Data Model, RMI/LSI-R Logical and Physical Data Models, System Architecture Specification Document, and Notification Subsystem Design. The development group also completed the third and final Records Workshop and continued coding/unit testing of the RMI/LSI-R applications.

Due to interdependencies between the RMI and LSI-R applications, the RMI implementation has been rescheduled to November 2002 to coincide with the LSI-R implementation.

Recommendation: DIS recommends that the joint DOC/IBM project team subcommittee complete the update of the Phase II change management process in accordance with the project management team's objectives.